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Product Datasheet

Thrombin, alpha, Human USB-T4040

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| Article Name | Thrombin, alpha, Human |
| Biozol Catalog Number | USB-T4040 |
| Supplier Catalog Number | T4040 |
| Alternative Catalog Number | USB-T4040-100,USB-T4040-1 |
| Manufacturer | US Biological |
| Category | Molekularbiologie |
| Product Description | Alpha-thrombin is a highly specific serine protease generated by proteolytic activation of the zymogen prothrombin (1). During coagulation, thrombin cleaves fibrinogen to form fibrin, leading to the ultimate step in coagulation, the formation of a fi... |
| Molecular Weight | 36.7 |
| Purity | 95% by SDS-PAGE. Human thrombin is prepared from purified prothrombin using a modification of the Lundblad procedure (1) as described by Nesheim et al. (2). Purity is determined by SDS-PAGE analysis and activity is measured in a thrombin specific clotting assay, and compared to standardized NIH thrombin. |
| Form | Supplied as a liquid in 50% glycerol/H ₂ O. Thrombin is also available with the active site blocked with either DFP, FPRck, or biotinlyated FPRck. |